

## ABSTRACT OF THE DISCLOSURE

A method of coding a moving picture is provided that reduces blocking artifacts.

The method can include defining a plurality of defining pixels  $S_0$ ,  $S_1$ , and  $S_2$ , which are centered around a block boundary. If a default mode is selected then frequency information of the surroundings of the block boundary is obtained. A magnitude of a discontinuous component in a frequency domain belonging to the block boundary is adjusted based on a magnitude of a corresponding discontinuous component selected from a pixel contained entirely within a block adjacent the block boundary. The frequency domain adjustment is then applied to a spatial domain. Or, a DC offset mode can be selected to reduce blocking artifacts in smooth regions where there is little motion.